

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Atty Docket No. MIC001USCIP)

**Serial No.:** 09/487,558  
**Filed:** 19 January 2000  
**Inventors:** Busby *et al.*  
**Title:** METHODS FOR IMPROVING SECONDARY METABOLITE  
PRODUCTION IN FUNGI  
**Group Art Unit:** 1636  
**Before the Examiner:** K. Davis

Assistant Commissioner for Patents  
Washington, D.C. 20231

**APPLICANTS' SUPPLEMENTAL REPLY PURSUANT TO 37 C.F.R. §1.111**

Hon. Assistant Commissioner for Patents:

This communication supplements Applicants' Amendment and Response mailed 21 November 2001. Applicants thank Examiner Davis for the interview held Wednesday, 9 January 2001. At the interview, Applicants' representative agreed to point out locations in the specification corresponding to examples provided in the Declaration filed with the Amendment and Response, and to provide references showing that there is reasonable certainty in the field of fungal molecular biology. Please re-consider the above-identified application in view of the following evidence and remarks.

**Remarks**

**Enablement: State of the Art**

Provided herewith are a sample of references suggesting that the uncertainty of genetic engineering in fungi is not as substantial as suggested in the most recent Office Action. A summary of each of these references is provided below.



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1/23/02

**LAW OFFICES OF  
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**Re:** Serial No. 09/487,558 **CC:** [Click here and type name]

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Following is:

1. Applicants' Supplemental Reply;
2. Form PTO-1449; and
3. Copies of 5 references.